

This document provides installation instructions for the QUANTAPANEL 602-PW Architectural Low-E Storm Window System.

To simplify installation, make sure your measurements are completely accurately using the Measurement Guidelines for QUANTAPANEL 600 Series.

Installation Guidelines

1. Inspect the **QUANTAPANEL 602-PW** prior to installation, and measure the window opening to ensure the correct QUANTAPANEL unit for the window opening. The QUANTAPANEL 602-PW is packaged with the **Horizontal Locking Bars** in place: the **Sill Locking Bar** and the **Header Locking Bar**. The **Vertical Locking Bars** are packaged separately (Figure 1).



Figure 1: QUANTAPANEL 602-PW IGS (Header & Sill Locking Bar Installed).



Figure 2: Remove Header Locking Bar

2. With a flat head screw driver and a hammer, locate the groove in the **Header Locking Bar** on the top of the QUANTAPANEL unit. Insert the screw driver at an angle, and firmly tap on the back of the screw driver, remove the Locking Bar (Figure 2). Repeat this step to remove the **Sill Locking Bar**. It is advisable to start at the end of the locking bar, not the middle. Once disengaged, the Locking Bar should be easily removed. [Note: On some models, the Sill Locking Bar is held in place with screws which are visible from the front of the unit. Turn screws counter clockwise to

loosen, and remove the Sill Locking Bar.]

3. After you have removed all Locking Bars, remove the **Sash** from the frame (Figure 3). The Sash is removable from the interior. With the interior side facing you, slide the **Main Frame** (without the Sash) into the opening firmly against the Blind Stop to ensure proper fit. If you don't have a Blind Stop in your existing window, it may be advisable to install one. Remove the Main Frame and apply a bead of silicone or elastomeric caulking compound to the Blind Stop at the point in which it meets the Main Frame. Refer to Figure 4 which depicts a cross-section view of the correct manner in which the frame installs to the existing window jambs.
4. Using the Installation Screws provided, screw the Main Frame into the pre-drilled holes on the vertical length of the Main Frame and then tighten. **DO NOT OVERTIGHTEN, THIS COULD CAUSE FRAME TO BOW.** The Main Frame should remain square.
5. Re-install the **Sill (Lower) Locking Bar** by inserting it into the Main Frame with the groove facing into the interior of the room, and tapping it into place. A wood block and hammer can be used to tap the Locking Bar in place.



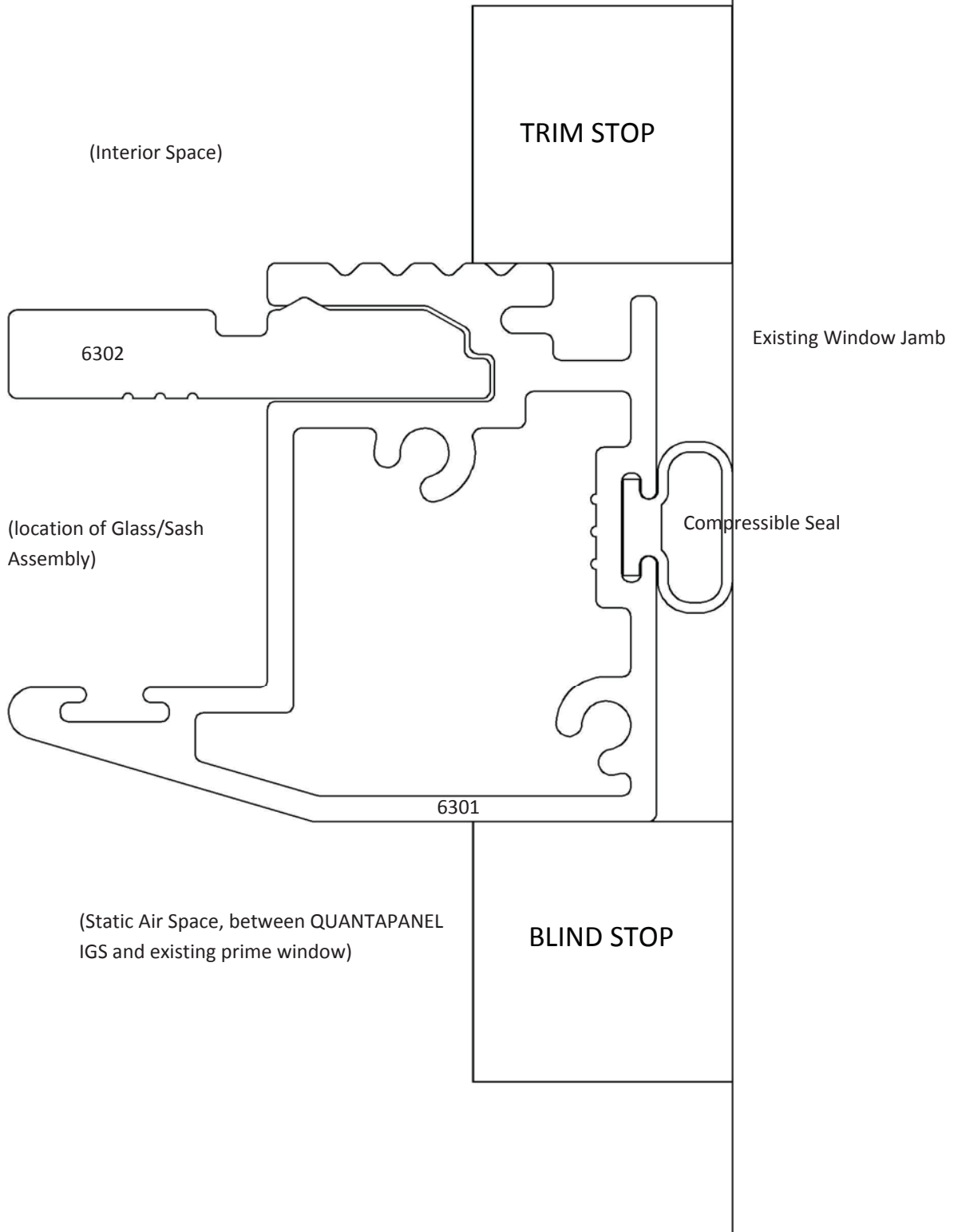
Figure 3: Main Frame with Sash removed.

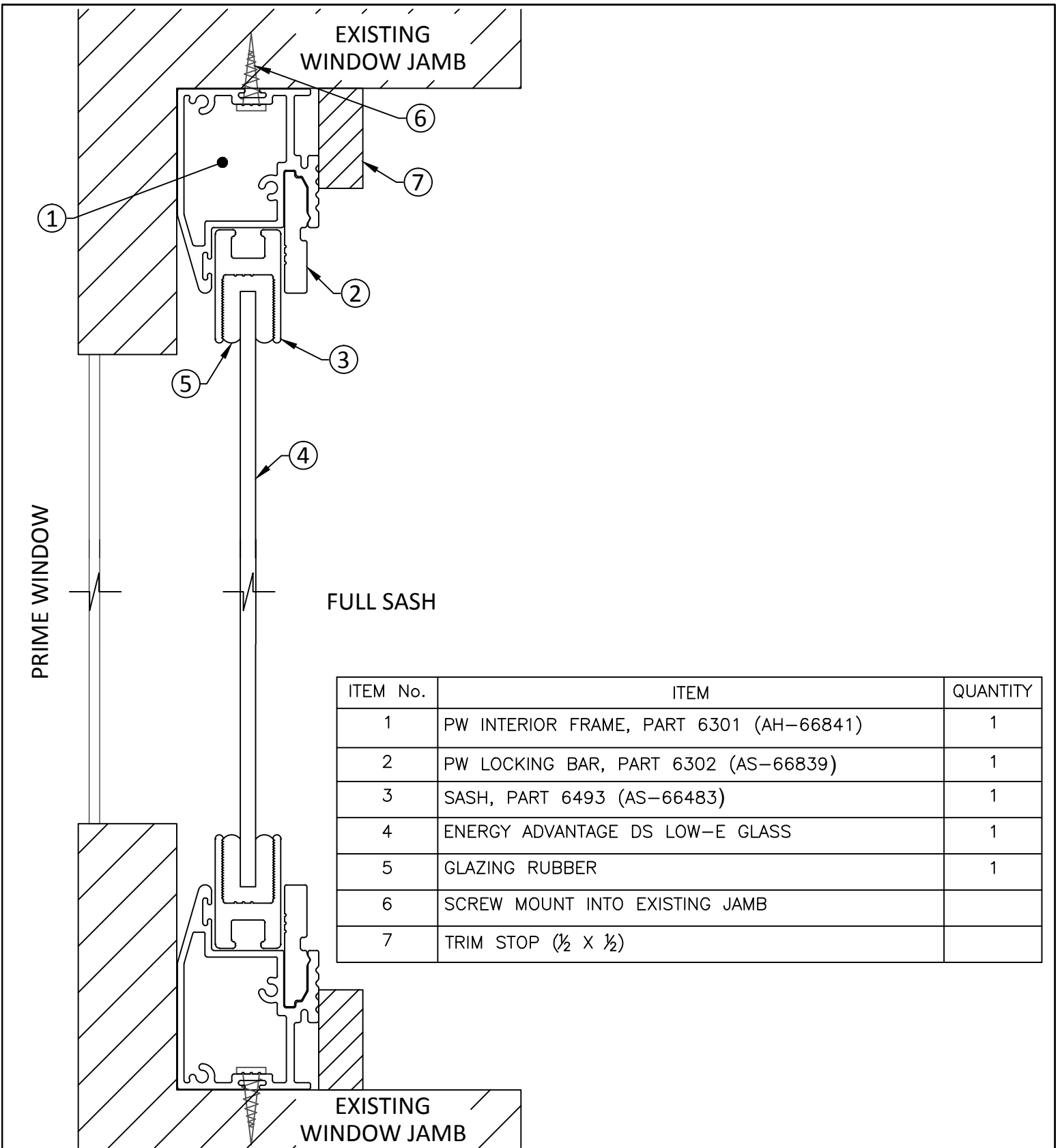
6. Carefully install the Sash by placing it in the bottom of the Main Frame and then rotating it into place. To secure the Sash in place, install the **Header (Upper) Locking Bar**. (The Header and Sill Locking Bars should be the same length.) Set the Header Locking Bar in place with the groove facing into the interior of the room. While holding it in place with your hand, use a wood block and tap the Header Locking Bar until it snaps into place tightly.
7. With the Header and Sill Locking Bar in place, you can install each of the **Vertical Locking Bars**. Begin by holding the one Vertical Locking Bar in place with the groove facing the interior of the room. Using a wood block and hammer, carefully tap the Vertical Locking Bar until it snaps firmly into place. Repeat this procedure for the other Vertical Locking Bar.
8. With the Sash in place, inspect the **Flexible Elastomeric Seal** to ensure it is slightly compressed between the prime window jamb and the Main Frame. If there are gaps, caulking rope or

caulking compound can be used to create a seal.

9. The **Trim Stop** provided should be cut into four lengths to install around the perimeter of the Main Frame. The Trim Stop should create a “*picture frame*” which sits in front of the Main Frame and creates a barrier between the existing window jamb and the Main Frame (see Figure 4). The Trim Stop is used to create an additional seal point between the QUANTAPANEL Main Frame and the existing window jamb. Apply a bead of silicone or elastomeric caulking compound to the Main Frame at the point in which it will meet the Trim Stop. The Trim Stop should be nailed to the existing window jamb to hold it in place.
10. Once installed, the Trim Stop can be painted to match the existing window jamb.
11. Removal of the Sash, if necessary would be done by first removing the Vertical Locking Bars, and then the Header Locking Bar which would allow the Sash to be safely removed into the room.

QUANTAPANEL 602-PW (Frame Installation Schematic)





ITEM No.	ITEM	QUANTITY
1	PW INTERIOR FRAME, PART 6301 (AH-66841)	1
2	PW LOCKING BAR, PART 6302 (AS-66839)	1
3	SASH, PART 6493 (AS-66483)	1
4	ENERGY ADVANTAGE DS LOW-E GLASS	1
5	GLAZING RUBBER	1
6	SCREW MOUNT INTO EXISTING JAMB	
7	TRIM STOP (1/2 X 1/2)	

QUANTAPANEL®

QP602-PW SINGLE SASH
FRAME ASSEMBLY (INSTALLED VIEW)

NOTES:

DATE
02/25/2016

SCALE

DRAWN BY